

Amendment and Response Under 37 C.F.R. §1.116 - Expedited Examining Procedure

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Serial No.: 09/942,200

Confirmation No.: 8194

Filed: August 29, 2001

For: DIFFUSION BARRIER LAYERS AND METHODS OF FORMING SAME

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organometallic catalyst using a chemical vapor deposition process. One skilled in the art will recognize that these methods and various other methods may be used to form the platinum:ruthenium alloy layer 14 according to the present invention. As used herein, "substantially carbon-free" refers to an amount of carbon present in a layer that is preferably about 1.0% by atomic percent or less, more preferably about 0.1% by atomic percent or less, and most preferably about 0.05% by atomic percent or less. --